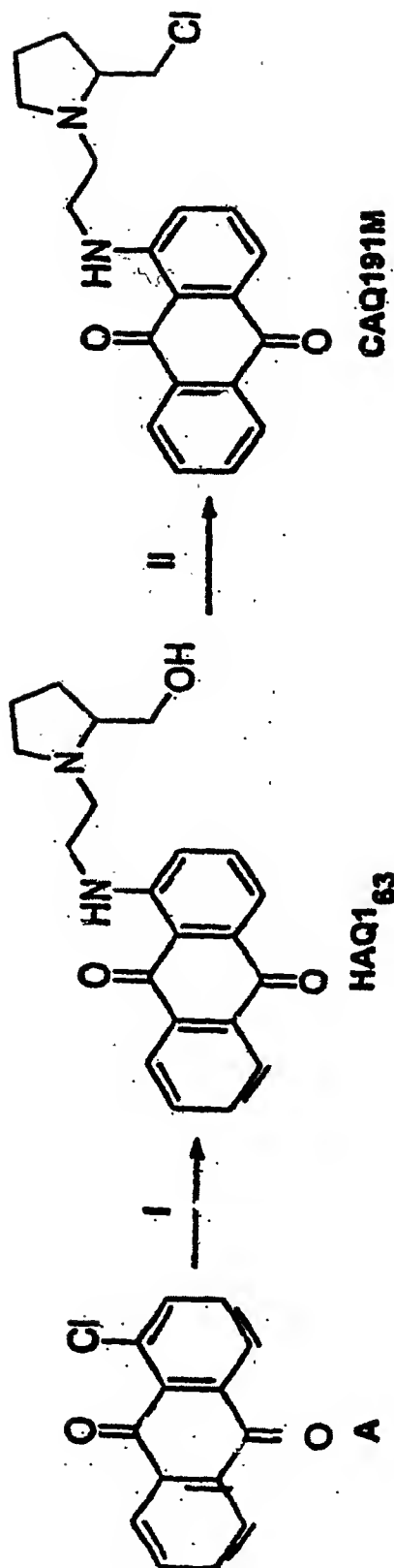
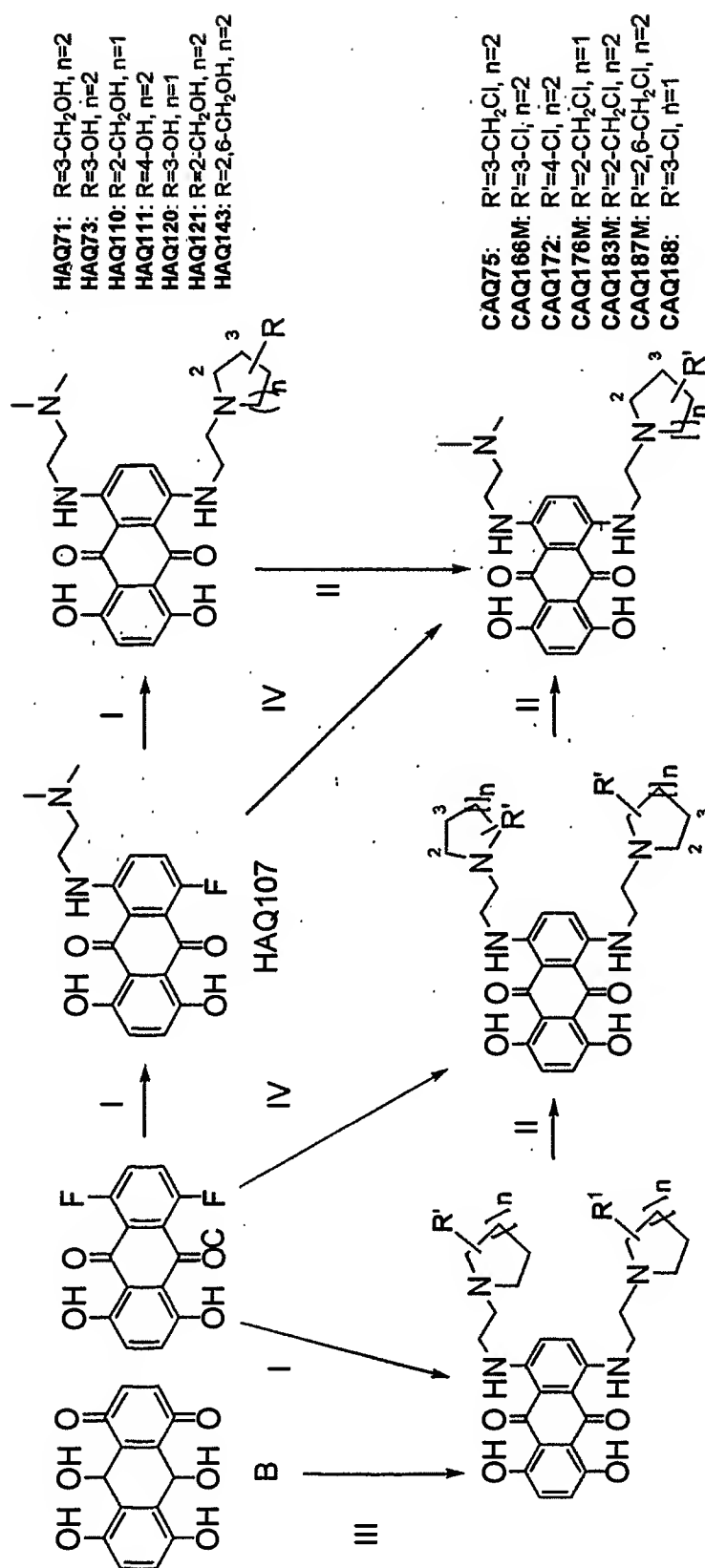


1/4



Scheme 2

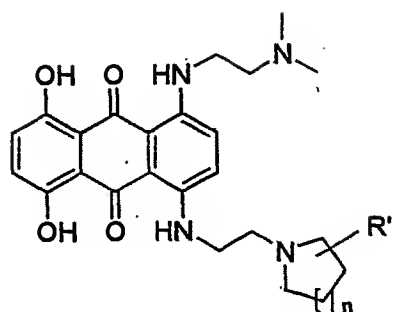


CAQ74: R'=3-CH₂Cl, n=2
CAQ177M: R'=2-CH₂Cl, n=1
CAQ190M: R'=2-CH₂Cl, n=2

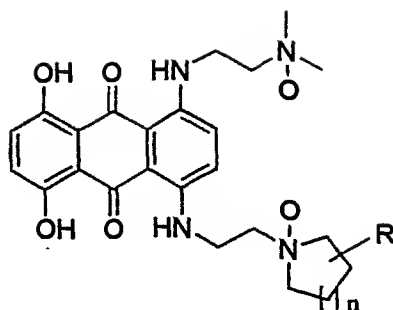
HAQ70: R'=3-CH₂OH
HAQ105: R'=2-CH₂OH
HAQ116: R'=4-CH₂OH
HAQ115: R'=3-OH
HAQ125: R'=2-CH₂OH

Scheme 3

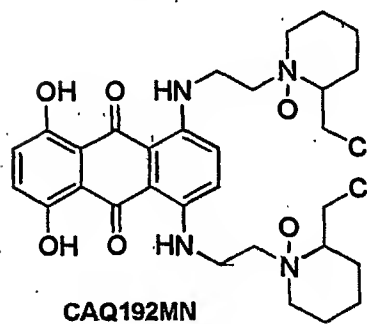
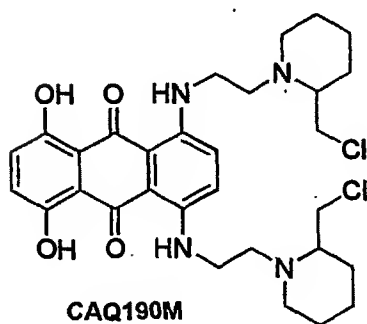
3/4



HAQ110: R'=2-CH₂OH, n=1
 CAQ166M: R'=3-Cl, n=2
 CAQ172: R'=4-Cl, n=2
 CAQ176M: R'=2-CH₂Cl, n=1

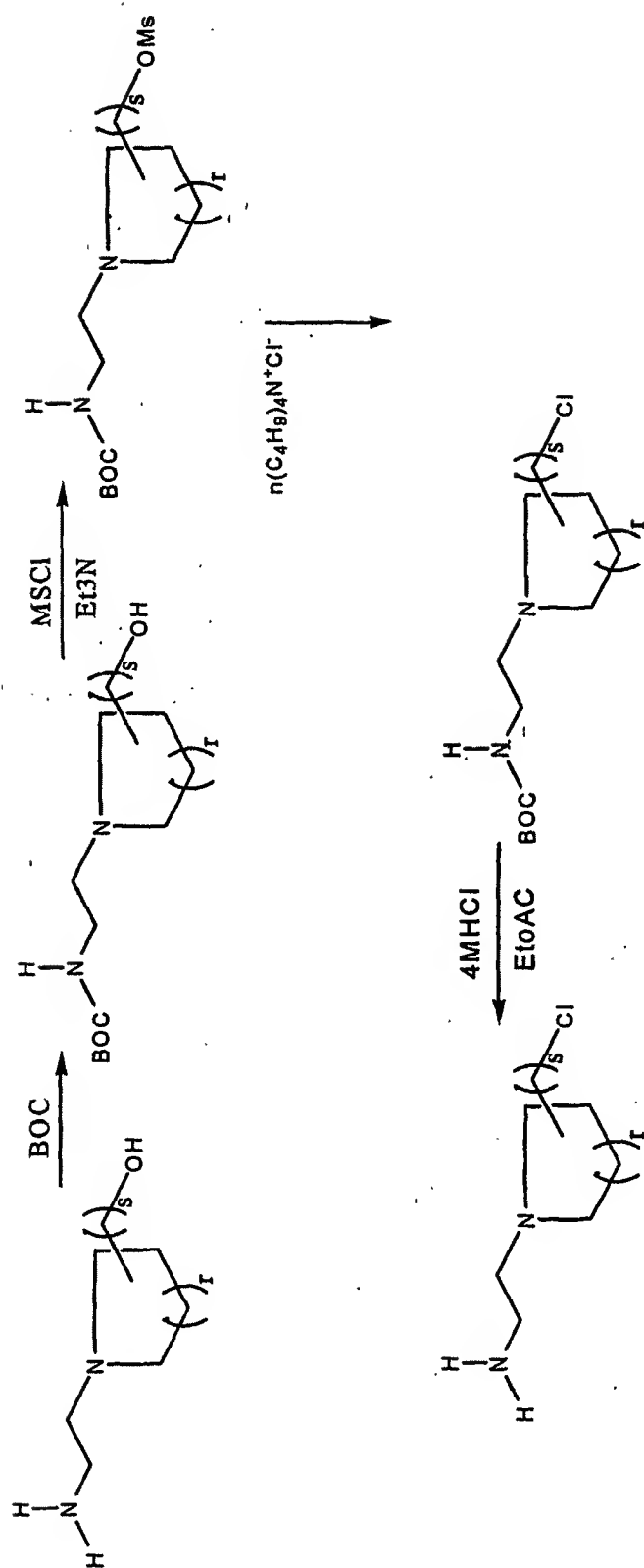


HAQ132N: R'=2-CH₂OH, n=1
 CAQ167MN: R'=3-Cl, n=2
 CAQ179N: R'=4-Cl, n=2
 CAQ181MN: R'=2-CH₂Cl, n=1



Scheme 4

4 / 4



Ex 17: $r=2$ $s=0$ 3-Cl
 Ex 18: $r=2$ $s=0$ 4-Cl (comparative)
 Ex 19/20: $r=1$ $s=1$ 2-CH₂Cl
 Ex 21: $r=2$ $s=0$ 3-Cl (comparative)

Scheme 5